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Box Seq

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Jc921 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL***Submit an original and a duplicate for fee processing  
(Only for new nonprovisional applications under 37 CFR 1.53(b))***ADDRESS TO:****Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231**

Attorney Docket No. MBHB00-816-E (700.005)

First Named Inventor Nassim Usman

Express Mail No. EL 602854241US

Jc474 U.S. PTO

10/056761

01/23/02

**APPLICATION ELEMENTS**

1. ☒ Transmittal Form with Fee
2. ☒ Specification (including claims and abstract) [Total Pages: 130]
3. ☒ Drawings [Total Sheets: 55]
4. ☒ Oath or Declaration [Total Pages: 3]
  - a. ☒ Unexecuted
  - b. ☐ Copy from prior application

**[Note Boxes 5 and 18 below]**

  - i. ☐ **Deletion of Inventor(s)** Signed statement attached deleting inventor(s) named in the prior application
5. ☐ **Incorporation by Reference:** The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ **Computer Code Listing (See 1.96)**
  - a. ☐ Microfiche Appendix
  - b. ☐ CD-Rom (in duplicate, with separate transmittal)
7. ☒ **Nucleotide and/or Amino Acid Sequence Submission**
  - a. ☒ Computer Readable Copy
  - b. ☒ Paper Copy
  - c. ☒ Statement verifying above copies
8. ☒ **Small Entity Status**
  - ☒ is claimed
  - ☐ Statement filed in prior application; status still proper and desired
  - ☐ is no longer claimed.



**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers
10. ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)
  - ☐ PTO-1449 Form
  - ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
16. ☐ A Request for non-publication pursuant to 35 USC 122(b)(2)(B)(i)
17. ☐ Other:

18. ☒ This is a CONTINUING APPLICATION. Please note the following:

- a. ☒ This is a ☐ Continuation ☐ Divisional ☒ Continuation-in-part of prior application U.S. Serial No. 09/992,160, Usman et al., filed November 5, 2001, which is a Continuation-in-part, 09/877,526, Usman et al., filed June 8, 2001, which is a Continuation-in-part of U.S. Serial No. 09/800,594, Usman et al., filed on March 6, 2001, which claims the benefit of U.S. Provisional No. 60/187,128 filed March 6, 2000.
- b. ☐ Cancel in this application original claims of the prior application before calculating the filing fee. (At least one claim must remain.)
- c. ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☐ continuation-in-part
- d. ☐ The prior application is assigned of record to

10056761-012302

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>				Attorney Docket No. MBHB00-816-E (700.005)	
<b>APPLICATION FEES</b>					
<b>BASIC FEE</b>					<b>\$ 740.00</b>
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total Claims	14 - 20 =	0	x \$18.00		\$ 0
Independent Claims	6 - 3 =	3	x \$84.00		\$ 252.00
<input checked="" type="checkbox"/> Multiple Dependent Claims(s) if applicable					+\$270.00 \$ 270.00
Total of above calculations =					\$ 1,262.00
Reduction by 50% for filing by small entity =					\$ 631.00
<input type="checkbox"/> Assignment fee if applicable					+ \$40.00 \$ 0.00
<b>TOTAL =</b>					<b>\$ 631.00</b>
19. <input type="checkbox"/> Please charge my Deposit Account No. 13-2490 in the					
20. <input checked="" type="checkbox"/> A check in the amount of \$ 631.00 is enclosed.					
21. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:					
a. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.16.					
b. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.17.					
c. <input checked="" type="checkbox"/> Fees required under 37 CFR 1.18.					
22. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.					
<b>23. CERTIFICATE OF MAILING</b>					
I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to the Asst. Commissioner for Patents, Box Patent Application, Washington, DC 20231, on the date indicated below.					
<b>24. USPTO CUSTOMER NUMBER</b>					
 <b>20306</b> PATENT TRADEMARK OFFICE  <b>McDonnell Boehnen Hulbert &amp; Berghoff</b>					
<b>25. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b>					
Name	Anita J. Terpstra				
Reg. No.	47,132				
Signature					
Date	January 23, 2002				

UTIL (Rev. 11/21/00)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Usman et al.

Serial No.: Not Assigned

Filed: January 23, 2002

For: Nucleic Acid Sensor Molecules

)  
) Group Art Unit: Not Assigned

)  
) Examiner: Not Assigned

Commissioner for Patents  
Washington, D.C. 20231

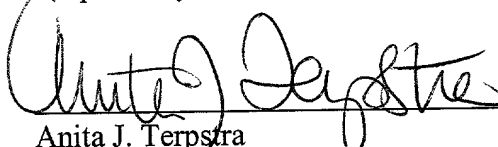
STATEMENT UNDER 37 CFR § 1.821(f)

Dear Sir:

The information recorded in the computer readable copy of the SEQUENCE LISTING submitted herewith is identical to the information in the paper copy of the SEQUENCE LISTING submitted herewith, and includes no new matter. The copies are submitted in accordance with 37 CFR §§ 1.821 – 1.825.

Respectfully submitted,

Date: January 23, 2002

  
Anita J. Terpstra  
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